

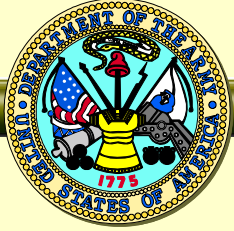
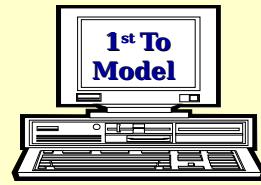
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ADVANCED
CONCEPTS
&
REQUIREMENTS
M&S
BRIEF
AMSEC
6 Nov 00



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Agend



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Purpose

Domain Mission

Evolution of the Plan

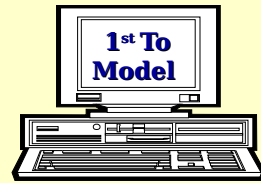
Objectives & Actions

Roadmap

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Purpose



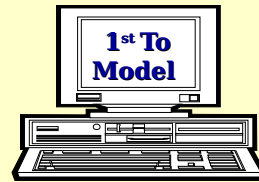
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**Update the AMSEC
on the existing
ACR Domain M&S shortfalls
&
corrective azimuth**

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ACR Domain

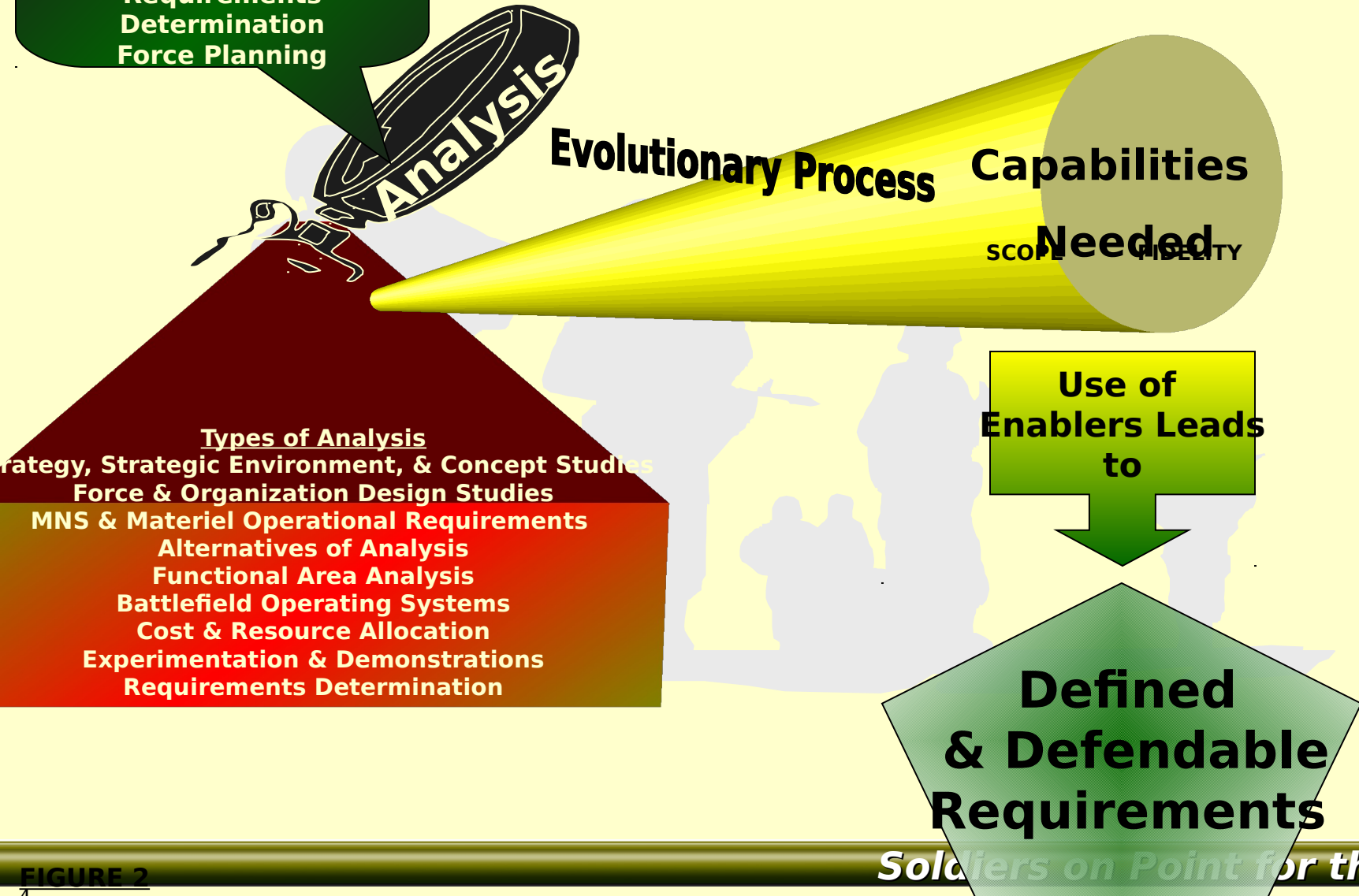
"First to Model"



Domain Processes

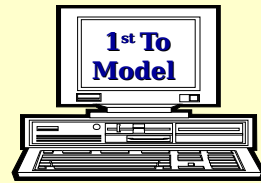
Strategic Direction
Concept Development
Requirements
Determination
Force Planning

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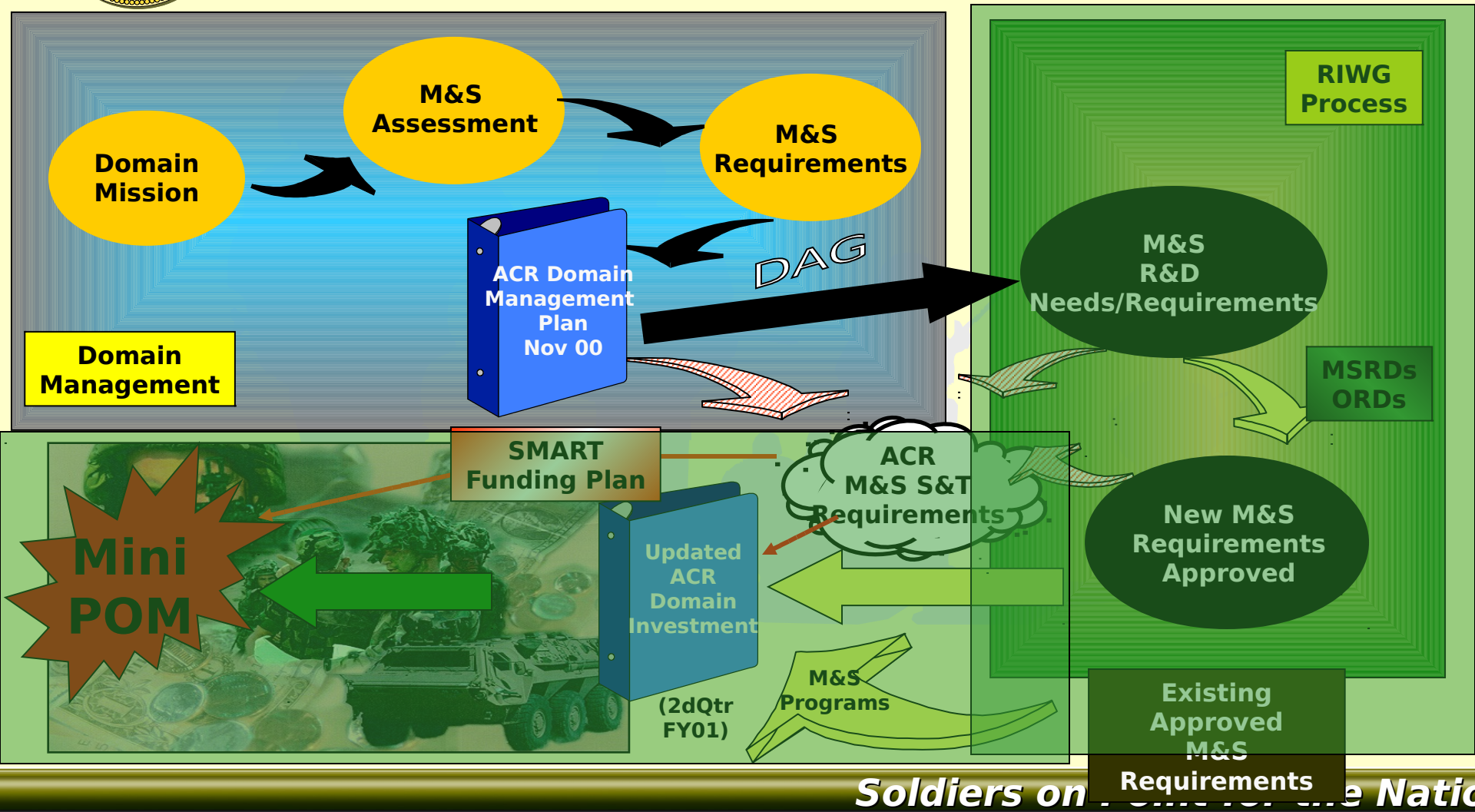




Evolution of ACR Plan



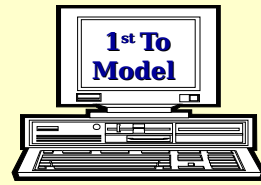
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Soldiers on the Frontline



STRATEGIC OBJECTIVES (SO)



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SO 1 - Establish a Domain funding line to project potential funding for model improvement and development.

SO 2 - Develop and support research programs to produce innovative and creative solutions for existing modeling shortfalls and voids so that the next generation of M&S can address the Objective Force and Joint Vision 2020 issues.

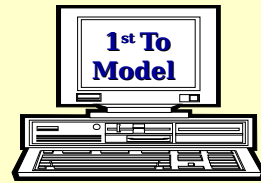
SO 3 - Implement the SMART initiative, to assist the determination of future systems and concepts. Investigate ways to reduce cost and time to develop tools and conduct analysis throughout the life-cycle.

SO 4 - Define the accurate representation of the Army in the development and application of joint M&S for analytical purposes.

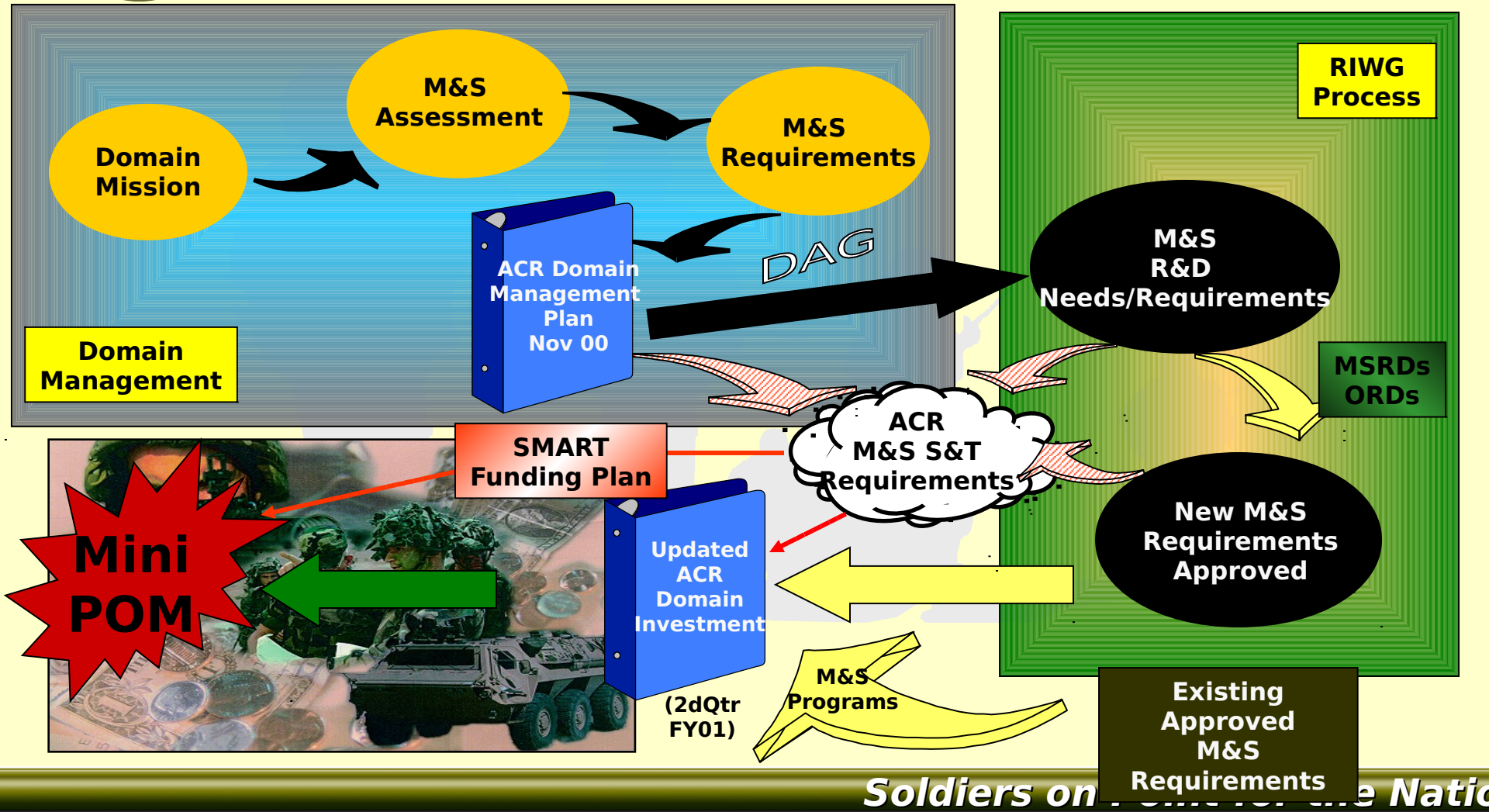
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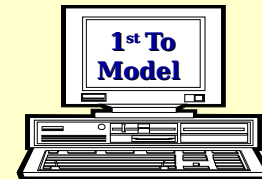
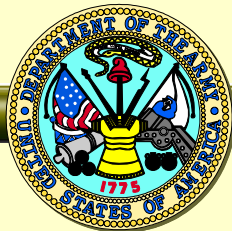
Evolution of ACR Plan



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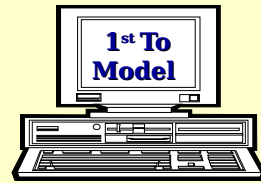
SO #2 Actions



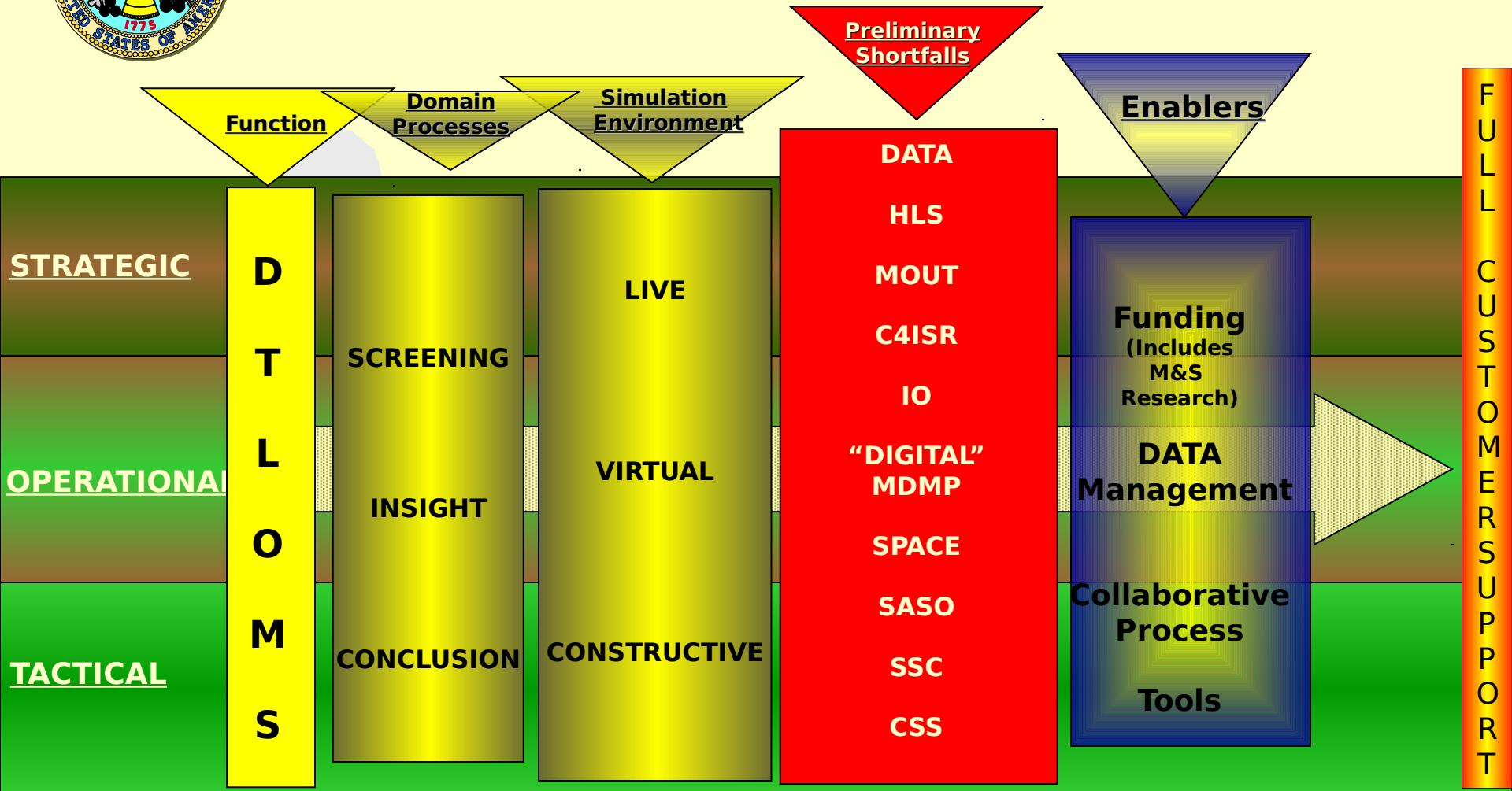
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<u>Action</u>	<u>Projected Suspense</u>	<u>Lead</u>
In concert with AMSO, identify and prioritize M&S R&D requirements	1st Qtr, FY01	Domain Manager
Secure funding for key M&S R&D requirements	2d Qtr, FY01	Domain Manager
Identify common and unique modeling requirements between WARSIM, AWARS, OneSAF, COMBAT XXI, and JWARS in concert with the TEMO Domain	1st Qtr, FY02	Domain Agent
Identify an ACR suite of tools for mobilization and rationalize requirements with TEMO Domain M&S. Assist TEMO in the development of Course of Action tools	3d Qtr, FY02	CAA
Document plans to leverage algorithms, scenarios, and data in developmental TEMO and RDA M&S where feasible	4th Qtr, FY02	Simulation Proponents
Working with the RDA Domain, identify common M&S, especially simulations/simulators for tactical operations, to support integrated and distributed activities such as ICTs and IPTs	3d Qtr, FY01	Domain Agent
Develop a strategy that leverages the evolutionary development of simulators and simulations that originate, evolve and are improved through continuous use and modification in support of ACR Domain activities	3d Qtr, FY01	Domain Agent

ACR Domain Roadmap

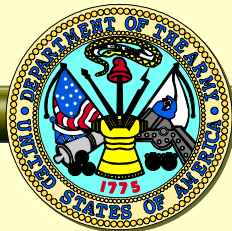
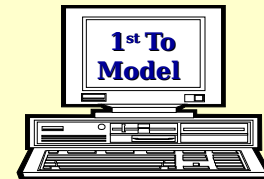


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Next Steps



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- **Finalize and Prioritize Shortfalls**
- **Work with AMSO on SMART Funding Plan**
- **Increase Domain involvement in AMIP/SIMTECH process**
- **Improve involvement (analytic agencies/Battle Labs) with IfCT, University XXI, ASTWG, STRICOM**
- **Use FCS CAP/SSP**
 - **Prototype for ACR role in SMART**
 - **Determination of additional ACR M&S shortfalls**
 - **ACR support to the program**
- **DAG develop Execution Plan for actions outlined in Management Plan**
- **Participate in cross-domain multi-discipline Study Team to provide a coordinated M&S investment strategy**